

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to roads and
drains of mother teresa road in
mariyannapalya in ward no.07
Byataranapura..

Measurement sheet

Estimate cost: 75.00 lakhs

Ward 7 byatarayanapura

KRIDL

Bill Abstract

007-20-000003

BRUHAT BANGALORE MAHANAGARA PALIKE					
KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA					
Job code			007-20-000001		
P-code			P3727		
Agency			KRIDL		
First and Final Bill					
SI NO	Description	unit	Qty	RATE	AMOUNT
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (Pg No.140.Item No.18.47)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		377.85		
	Present Qty		377.85		
	Previous Qty		0.00		
	Total Qty		377.85		
	BOQ Qty	377.85	378.00		
	Now To Be Paid Qty		377.85	952.94	360068.38
2	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. (Pg No.143.Item No.19.1)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		854.09		
	Present Qty		854.09		
	Previous Qty		0.00		
	Total Qty		854.09		
	BOQ Qty	701.34	854.09		
	Now To Be Paid Qty		854.09	137.80	117693.60

As fully N.D
AEL (27)

3	KSRRB M300-53. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murum, watering charges & compaction by vibratory roller)(P-147., It No: 19.60)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		251.90		
	Present Qty		251.90		
	Previous Qty		0.00		
	Total Qty		251.90		
	BOQ Qty	378.00	252.00		
	Now To Be Paid Qty		251.90	344.50	86779.55
4	KSRRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		286.43		
	Present Qty		286.43		
	Previous Qty		0.00		
	Total Qty		286.43		
	BOQ Qty		286.68		1549047.81
	Now To Be Paid Qty		286.43	5408.12	1549020.77

Atulya N.D.
AEC(M)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
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5	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts buttresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		146.10		
	Present Qty		146.10		
	Previous Qty		0.00		
	Total Qty		146.10		
	BOQ Qty		146.52		
	Now To Be Paid Qty		146.10	5998.54	876386.69
6	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)				
	Name of work	tonne			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		8.06		
	Present Qty		8.06		
	Previous Qty		0.00		
	Total Qty		8.06		
	BOQ Qty		8.06		606305.12
	Now To Be Paid Qty		8.06	75223.96	606176.48

14.11.14

7	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)				
	Name of work	sqm			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		1046.80		
	Present Qty		1046.80		
	Previous Qty		0.00		
	Total Qty		1046.80		
	BOQ Qty		1046.80		
	Now To Be Paid Qty		1046.80	483.36	505981.25
8	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specifications (Data Rate Approved)				
	Name of work	sqm			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		615.60		
	Present Qty		615.60		
	Previous Qty		0.00		
	Total Qty		615.60		
	BOQ Qty		616.05		1437371.85
	Now To Be Paid Qty		615.60	2337.00	1438657.20

615.05

Abhijit N.D.
AE (W&I)

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9	Cement concrete pavement. Construction of un-reinforced plain cement concrete pavements using grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum, coarse and fine aggregate confirming to IS:383-2016, with superplasticiser @3lts confirming to IS9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades textured machine, and curing including cost of all materials, labour, hire charges of machineries, all lead and lift charges etc., complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Pg.No.176, It.22.6.1)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		125.95		
	Present Qty		125.95		
	Previous Qty		0.00		
	Total Qty		125.95		
	BOQ Qty	~~126.00~~	~~126.00~~	~~126.00~~	
	Now To Be Paid Qty		125.95	5210.96	656320.41

As per N.D.
NE (M)


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10	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift.(Pg.No.176, It.22.7)				
	Name of work	sqm			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		1259.50		
	Present Qty		1259.50		
	Previous Qty		0.00		
	Total Qty	1260	1259.50		
	BOQ Qty	1279.88	1260.00		
	Now To Be Paid Qty		1259.50	72.08	90784.76
11	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)				
	Name of work	cum			
	Improvements to roads and drains of mother teresa road in mariyannapalya in ward no.07 Byataranapura.		1231.94		
	Present Qty		1231.94		
	Previous Qty		0.00		
	Total Qty		1231.94		
	BOQ Qty	1377.81	1232.09	1279.88	
	Now To Be Paid Qty	1231.94	1231.94	94.34	116221.22
			10792.88	TOTAL	6404090.32

6402960.64

10/11/14 N.D
AEC/104

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